L 48818-65
ACCESSION NR: AP5008334

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: DP

NO REF SOV: 004 OTHER: 001

Card 2/2

GORBUNOV, V.P., inzh. (Leningrad); KOROTKOV, S.V., kand. tekhn. nauk (Leningrad); SHISHKOV, B.A., inzh. (Leningrad)

Design of composite systems with two motor drives. Elektrichestvo no.7: 74-79 Jl '65. (MIRA 18:7)

ACC NR: AR6035558 SOURCE CODE: UR/0269/66/000/010/0080/0080

AUTHOR: Korotkov, S. V.; Myasnikov, V. A.; Sabinin, Yu. A.

TITLE: Principles of designing digital control systems for astronomical instruments

SOURCE: Ref. zh. Astronomiya, Abs. 10.51.599

REF SOURCE: Sb. Avtomatizir. elektroprivod proizv. mekhanizmov. T. 1. M.-L., 1965, 188-194

TOPIC TAGS: digital converter, digital computer, digital system, astronomic instrument, digital control system

ABSTRACT: Some questions of principle pertaining to the design of a digital servodrive for azimuthal instruments are studies. The digital control system contains a computer for converting equatorial coordinates into azimuthal ones, true position pick-ups for instrument axes in space, and a drive along the azimuth and zenith distance axes, which is controlled by the computer. The system should provide a total accuracy of no less than 10. Bibliography contains 9 titles. [Translation of abstract] [DW]

Card 1/1 SUB CODE: 03, 09/ UDC: 62-52:522.2

ACC NR: AR7002214 SOURCE CODE: UR/0271/66/000/010/A035/A035

AUTHOR: Korotkov, S. V.; Myasnikov, V. A.; Sabinin, Yu. A.

TITLE: Principles in the design of digital control systems for astronomical instruments

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs. 10A257

REF SOURCE: Sb. Avtomatizir. elektroprivod proizv. mekhanizmov, T. I. M.-L., 1965, 188-194

TOPIC TAGS: astrophysic instrument, servomechanism, digital computer system, space coordinate system, geodesy

ABSTRACT: An analysis is made of theoretical problems in the design of digital servodrive for azimuthal instruments. The system includes a computer for the conversion of equatorial into azimuthal coordinates, a transmitter for indicating the true position of the instrument's axes in space, and an adjusting mechanism for the azimuthal and zenithal positions controlled by the computer. With a

Card 1/2 UDC: 62-55

ACC NR: AR7002214

Q factor of 100, the system must insure a fluctuation index of M-1 and overall accuracy $>10''$. Recommendations are made, on the basis of the analysis, for a method of determining the time quantum period for the automatic control system and for simplified design and engineering formulas are proposed. A description is given of a complex dual-motion drive system, using an integrating differential gear, which provides consistent velocity control within a wide range. A method is also proposed for reducing the number of leveling and calculating operations for this control system. The text includes 4 illustrations and 9 bibliographic references. [Translation of abstract] [KP]

SUB CODE: 03, 09/

Card 2/2

KOROTKOV, V.

Concerning the introduction of an international system of units in the U.S.S.R. Med. promyshl. SSSR 17 no.8:61 Ag'63 (MIRA 17:2)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.

KOROTKOV, V.

Introducing the international system of units in the U.S.S.R. TSvet. met. 36 no.5:90-92 My '63. (MIRA 16:10)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov SSSR.

KOROTKOV, V.

Introduction of the international unit system in the U.S.S.R. Avt. transp. 41 no.6:45-48 Je '63. (MIRA 16:8)

1. Zamestitel' predsedatelya Gosudarstvennogo komiteta standartov, mer i izmeritel'nykh priborov SSSR.

KOROTKOV, V., inzh.; BENIN, Ya., inzh.

Checking the dustiness of air before adjusting dust controling installations in grain milling enterprises. Muk.-elev. prom. 27 no 6:25 Je '61. (MIRA 14:6)

1. Montazhno-naladochnoye upravleniye Vsesoyuznogo tresta Spetselevatormel'stroy.
(Flour mills)
(Dust--Removal)

VITLIN, V., inzh.; KOROTKOV, V., inzh.; BENIN, Ya., inzh.

Use every means to improve the dust removal in grain elevators. Muk.-elev. prom. 27 no.9:21-24 S '61. (MIRA 15:2)

1. Montazhno-naladochnoye upravleniye tresta Spetselevatormel'-stroy.

(Grain elevators)
(Grain—Cleaning)

KOROTKOV, V.

Introduction of an international system of units in the USSR. (MIRA 17:4)
Nefteprom. delo no.8:3-7 '63.

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.

KOROTKOV, V.

Introduction of the International System of Units in the U.S.S.R. Izv. AN Arm.SSR. Khim. nauki 16 no.2:191-197 '63 (MIRA 17:8)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.

KOROTKOV, V.

Introduction of the international unit system in the Soviet Union. (MIRA 17:9)
Dop. AN URSR no.5:687-691 '63.

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.

KOROTKOV, V.

On the introduction of the international system of units in the U.S.S.R. Zhur. neorg. khim. 8 no.12:2823-2827 D '63. (MIRA 17:9)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.

SOV/135-59-4-12/18

25 (1)

AUTHOR: Korotkov, V. A., Welder

TITLE: The Use of Filler Metal in the Form of a Tube filled with Flux (Primeneniye prisadochnogo metalla v vide trubki, zapolnennoy flyusom)

PERIODICAL: Svarochnoye proizvodstvo, 1959, Nr 4, p 41 (USSR)

ABSTRACT: The author suggests the use of welding filler metal in the form of a tube filled with flux. Experiments were carried out with satisfactory results with: 1) a brass tube of 5 mm inner diameter and 350 mm length, filled with flux consisting of 70% boric acid, 21% calcined borax and 9% calcium fluoride, with propane-oxygen gas being used for welding; 2) a copper pipe of the same dimensions filled with a flux made of 78% calcined borax, 4% boric acid, 13% sodium chloride and 5% sodium bicarbonate, with welding by oxygen-acetylene gas; 3) a cast iron tube with a flux of 27% anhydrous sodium carbonate, 23% calcined borax and 50% sodium nitrate (oxy-acetylene welding); 4) an aluminum or duralumin tube with fluxes as recommended

Card 1/2

SOV/135-59-4-12/18

The Use of Filler Metal in the Form of a Tube filled with Flux

in literature (propane-oxygen welding). The method results in an economy of flux and ensures good quality of welds due to an even feed of flux.

Card 2/2

KOROTKOV, V. A.

KOROTKOV, V. A.: "Circular water spillways on earth dams." Min Higher Education USSR. Moscow Inst of Water Economy Engineers imeni V. R. Vil'yams. Moscow, 1956.
(Dissertation for the Degree of Candidate in Technical Sciences).

SO: Knizhnaya Letopis', No 23, 1956

KOROTKOV, V. A.

Beets and Beet Sugar

Shortcomings of the semi-hopper bins for sugar beets. Sakh.prom., 26, No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1952, Uncl.

PROZOROVSKIY, V.A.; KOROTKOV, V.A.

Age of Mesozoic sediments of Dag-Ada Island (Krasnovodsk Gulf).
Trudy VSEGEI 46:108-112 '61. (MIRA 14:11)
(Dag-Ada Island--Geology, Stratigraphic)

PROZOROVSKIY, V.A., mladshiy nauchnyy sotrudnik; KOROTKOV, V.A., mladshiy nauchnyy sotrudnik; MAMONTOVA, Ye.V.; PORETSKAYA, Ye.S.; PROZOROVSKAYA, Ye.L., mladshiy nauchnyy sotrudnik; KRYMGOL'TS, G.Ya., nauchnyy red.; TOKAREVA, T.N., vedushchiy red.; YASHCHURZHINSKAYA, A.B., tekhn.red.

[Neocomian in western Turkmenia] Neokom Zapadnoi Turkmenii. Leningrad, Gos.nauchno-tekhn.izd-vo neft.i gorno-toplivnoi lit-ry Leningr.otd-nie, 1961. 185 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy, vol. 51). (MIRA 15:3)
(Turkmenistan--Geology, Stratigraphic)

KOROTKOV, V.A.; PROZOROVSKIY, V.A.

Age of upper Jurassic sediments in the Kuba-Dag (Krasnovodsk Peninsula). Vest.LGU 16 no.24:134-137 '61. (MIRA 14:12)
(Kuba-Dag--Geology, Stratigraphic) (Paleontology, Stratigraphic)

KOROTKOV, V.A., kand. tekhn. nauk

Desing of storm inlets and [illegible]version structures. Vod. i san. tekh. no.12:27-28 D '61. (MIRA 15:6)

(Sewerage)

L 15729-63 EWP(k)/EWT(1)/EWG(k)/EWP(q)/EWT(m)/BDS/EEC(b)-2/ES(w)-2
AFFTC/ASD/IJP(C)/SSD Pf-4/Pz-4/Pi-4/Pab-4/Po-4 AT/JD/EH

ACCESSION NR: AR3002668 S/0124/63/000/005/B026/B027

SOURCE: Rzh. Mekhanika, Abs. 5B130.

85

AUTHOR: Korotkov, V.A.

TITLE: Pulse discharge in liquid and some possibilities for its application

CITED SOURCE: Sb. Materialy Konferentsii molodykh uchenykh AN BSSR. Minsk. AN BSSR, 1962, 55-62

TOPIC TAGS: electrical discharge, pulse discharge, liquid, shock wave, breakdown, oscillogram, channel, perturbation

TRANSLATION: A survey is made of the phenomena which occur during the electrical pulse discharges in liquids. The background of the studies is presented, beginning with the classical experiments of Lane (Lane T., Philos. Trans. Royal Soc. London, 1767, 57, 451-460). The discharge process and the formation of the shock wave are then considered. Typical oscillograms of the current in the discharge and the voltage on the working interval during the liquid breakdown pulse discharge are introduced. The hydrodynamic theory of the broadening of the

Card 1/2

L 15729-63
ACCESSION NR: AR3002668

shock wave channel is presented. Also noted is the intensive "field current" occuring during the discharge in water. After the separation of the shock wave from the discharge channel, the wave is maintained by elementary perturbations sent after it by the pulsations of the discharge channel. The practical application of the discharges in liquids are considered -- their use for granulation of materials in pressing and stamping -- as vibrators and so on. Yu.R.

DATE ACQ: 14Jun63 SUB CODE: PH ENCL: 00

Card 2/2

L 3238-66 EWT(m)/EWP(e)/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(c) ID/JW
ACCESSION NR: AP5022039 UR/0286/65/000/014/0110/0110
621.775.741

AUTHOR: Boginskiy, L. S.; Kabel'skiy, I. M.; Korotkov, V. A.; Loginov, P. I.; Roman, O. V.; Sharin, Yu. Ye.

TITLE: Pressure source for compaction of powder thin-wall bushings or shapes. Class 49, No. 173105

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 14, 1965, 110

TOPIC TAGS: powder metallurgy, powder compaction, explosive compaction

ABSTRACT: This Author Certificate introduces a method for the explosive compaction of thin-wall, metal-powder bushings or shapes. In this method, exploding wire is used for generating pressure. The wire is placed in a pressure-transferring medium, e.g., polyethylene or wax, which fills the inner cavity of the blank being formed. [MS]

ASSOCIATION: none

SUBMITTED: 02Jan63 ENCL: 00 SUB CODE: IE, EC
NO REF SOV: 000 OTHER: 000 ATD PRESS: 4104

Card 1/1

KOROTKOV, V.B.

Representations of linear continuous operators by abstract functions, and the embedding theorems. Dokl. AN SSSR 153 no.2:262-265 N '63. (MIRA 16:12)

1. Institut matematiki s vychislitel'nym tsentrom Sibirskogo otdeleniya AN SSSR. Predstavleno akademikom S.L.Sobolevym.

KOROTKOV, V.B.

S. L. Sobolev's imbedding theorems for abstract functions. Dokl. AN SSSR 141 no.2:308-311 N '61. (MIRA 14:11)

1. Matematicheskiy institut im. V.A.Steklova AN SSSR. Predstavleno akademikom S.L.Sobolevym.
(Banach spaces) (Functional analysis)

KOROTKOV, V.B.

Direct and inverse imbedding theorems for certain spaces of abstract functions of sets. Dokl.AN SSSR 144 no.4:717-720 Je '62. (MIRA 15:5)

1. Matematicheskiy institut im. V.A.Steklova AN SSSR. Predstavleno akademikom S.L.Sobolevym.
(Topology)

KOROTKOV, V.B.

Abstract functions of sets and the imbedding theorems.
Dokl. AN SSSR 146 no.3:531-534 S '62. (MIRA 15:10)

1. Matematicheskiy institut im. V.A.Steklova AN SSSR. Predstavleno akademikom S.L.Sobolevym.
(Banach spaces) (Operators (Mathematics))

KOROTKOV, V.B.

Tests of compactness in regions of abstract functions, and complete continuity of the imbedding operator. Dokl. AN SSSR 160 no.3:530-533 Ja '65. (MIRA 18:3)

1. Institut matematiki Sibirskogo otdeleniya AN SSSR. Submitted July 16, 1964.

GIL'DERMAN, Yu.I.; KOROTKOV, V.B.

General type of perfectly continuous operators acting from an L_p-space toward a B-space X. Sib.mat.zhur. 4 no.6:1426-1430 N-D '63. (MIRA 17:9)

KOROTKOV, V.B.; GIL'DERMAN, Yu.I.

Fourier transform for abstract functions of sets. Sib. mat. zhur. 5 no.4:844-852 Jl-Ag'64 (MIRA 17:8)

KOROTKOV, V.B.

Representations of completely continuous operators and some problems in the theory of scales. Sib. mat. zhur. 6 no.1:86-107 Ja-F '65. (MIRA 18:4)

USSR / Cultivated Plants. Potatoes. Vegetables. Melons. M-3

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25040

Author : Korotkov, V. F.
Inst : ~~Not given~~
Title : Growing Vegetables without the Use of Hotbeds in the Crimea

Orig Pub: Sad i ogorod, 1957, No 1, 20-23

Abstract: The complete agrotechnical system is presented on cultivating tomato, eggplant, late cabbage and pepper crops without the use of hotbeds. -- T. I. Shapiro

Card 1/1

56

AUTHORS: Buyanov, N.V., Zubkovskiy, S.L., Kovalenko, T.V., Korotkov, V.F., Lindstrem, V.R. 32-24-6-15/44

TITLE: Spectral Analysis of Steels on the Modernized Apparatus FES -1 (Spektral'nyy analiz staley na modernizirovannom pribore FES -1)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 6, pp 703-708 (USSR)

ABSTRACT: Photometrical reproducibility was determined, and in this connection it was found that the average arithmetical error on the sensitivity scale of 1:1 amounted to ± 0.5% and with 5:1 to ± 0.15%. Measurements of the intensity of the line of iron 5227 Å obtained from an Armco iron sample showed that on the scale 1:1 a reproducibility of ± 1.1% is obtained with a 4.5 ampere current, and that at 5:1 it amounts to ± 0.62%. It was observed that a distance between electrons of 1.5 mm warrants accurate reading and good reproducibility; a base electrode of copper was used on this occasion. For the purpose of working out the method of analysis the etalons of the UIM, of the TsNIIChM, and of the plants "Elektrostal'", "Serp i molot" and "Dneprospetsstal'" were used. The spectral line, measuring accuracy, and reproducibility in connection with the analysis are mentioned. Carbon-containing low- and medium-alloyed steels were analyzed, and data concerning the

Card 1/2

KOROTKOV, V.F.

Buyanov, N.V., O.I. Vashkov, V.K. Gavrilova, and V.F. Korotkov (Central Scientific Research Institute of Ferrous Metallurgy). Spectral Determination of Hydrogen in Titanium, p. 174. Titan i yego splavy. vyp. II: Metallurgiya titana (Titanium and Its Alloys. No. 2: Metallurgy of Titanium) Moscow, Izd-vo AN SSSR, 1959. 179 p.

This collection of papers deals with sources of titanium; production of titanium dioxide, metallic titanium,and titanium sheet; slag composition; determination of titanium content in slags; and other related matters. The sources of titanium discussed are the complex sillimanite ores of the Kyakhtinskoye Deposit (Buryatskaya ASSR) and certain aluminum ores of Eastern Siberia. One paper explains the advantages of using ilmenite titanium slags for the production of titanium dioxide by the sulfuric acid method. Production of metallic titanium by thermal reduction processes (hydrogen, magnesium, and carbon reduction) is the subject of several papers, while other papers are concerned with the electrolytic production of titanium. Other subjects dealt with are interaction of titanium with water vapor and with hydrogen and the determination of titanium in slags.

PHASE I BOOK EXPLOITATION SOV/4959

Ural'skoye soveshchaniye po spektrosk

Materialy 2 Ural'skogo soveshchaniya po spektroskopii, Sverdlovsk, 1958 g. (Materials of the Second Urals Conference on Spectroscopy, Held in Sverdlovsk, 1958) Sverdlovsk, Metallurgizdat, 1959. 206 p. Errata slip inserted. 1,000 copies printed.

Sponsoring Agency: Ural'skiy filial Akademii nauk SSSR. Komissiya po spektroskopii and Ural'skiy dom tekhniki VSNTO.

Eds.: Aron Borisovich Shayevich and Gennadiy Pavlovich Shromyakov; Tech. Ed.: R. M. Matlynk.

PURPOSE: This collection of articles is intended for spectral analysis laboratory workers at ferrous and nonferrous metallurgical plants, and for laboratory personnel of the metal-working industry, geological and prospecting organizations, and similar scientific research laboratories.

COVERAGE: The collection contains papers read at the Second Urals Conference on the spectral analysis of ferrous and nonferrous metals and alloys, slags, ores, agglomerates, refractories and other materials used in industry. The material of the conference includes articles on the analysis of steels (including the determination of gases), ferroalloys, nonferrous and light metals and alloys, pure noble metals, etc. The present volume is intended to disseminate the latest experience in working with spectral laboratories, and to report on the results of scientific research. The author thanks N. I. Gutkina and Yu. N. Buravlev. Almost all of the articles are accompanied by references.

BUYANOV, N.V.; VASHKOV, O.I.; GAVRILOVA, V.K.; KOROTKOV, V.F.

Spectrum determination of hydrogen in titanium. Titan i ego splavy no.2:174-178 '59. (MIRA 13:6)

1. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii.
(Spectrum analysis) (Titanium—Hydrogen content)

SOV/48-23-9-33/57

24(7)

AUTHORS: Buyanov, N. V., Fedorova, L. M., Korotkov, [redacted]

TITLE: The Influence of Chemical Composition and Heat Treatment Upon the Results of Nitrogen Determination by Spectroscopical Methods

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1959, Vol 23, Nr 9, pp 1126 - 1128 (USSR)

ABSTRACT: In the present paper the influence exercised by "third" elements and of heat treatment on the results of nitrogen determination in various brands of steel is dealt with. The composition of the samples was determined three times at the chemical laboratory and the spectra were recorded in a vacuum chamber. The chamber was first evacuated to 10^{-1} torr, after which it was filled up with helium up to a pressure of 350 torr. Tungsten electrodes were used (distance 0.35 mm, exposition 0.2 sec); analysis was carried out by means of the line N 3999.5 Å. The light source used was a low-voltage spark with a semiperiod discharge. On the four steels of the type St10, Kh25, Kh25T and Kh25Yu5 the influence exercised by "third" elements (chromium, aluminum, titanium, and silicon)

Card 1/2

The Influence of Chemical Composition and Heat Treatment Upon the Results of Nitrogen Determination by Spectroscopical Methods SOV/48-23-9-33/57

was investigated. The results obtained are shown by the diagram in figure 1. With an admixture of 1% Ti in the steel of the type Kh25 (and Kh25T) the blackening of the nitrogen lines increased to 0.80. An Al-admixture of 5% increased the line intensity to 1.5. In general it was found that the admixture of the above elements alters the results of nitrogen determination considerably. The influence of heat treatment was investigated in the case of the steels of the types 10, ShKh15 and Kh25. Hardening of the samples reduces the slope of the calibration curve considerably, and in the case of the steel of the type 10 the concentration-sensitivity of the lines was lost altogether. Annealing of the samples improves the reproducibility of analyses, whereas they are deteriorated by tempering. Furthermore, the influence exercised by the degree of purity of helium was discussed. There are 2 figures.

Card 2/2

8(2)

SOV/32-25-3-47/62

AUTHORS: Korotkov, V. F., Kondrat'yev, P. A., Sobolev, A. A.

TITLE: Electron Time Relay for Spectral Analysis (Elektronnoye rele vremeni dlya spektral'nogo analiza)

PERIODICAL: Zavodskaya Laboratoriya, 1959, Vol 25, Nr 3, p 367 (USSR)

ABSTRACT: The electron time relay described has several favourable characteristics: variations of the voltage of ± 20 volt do practically not affect the operation of the relay, a determination of the combustion time and the exposure can be carried out with an accuracy of ± 0.2%. The relay works without transformer, an initial heating of the device prior to operation is unnecessary, and it can be manufactured in a plant laboratory. A diagram based on the common standard relay type MKU-48 is given (Fig). The description shows an application of capacitors of the types KMBG and KB, a voltage stabilizer SG 1 P, resistances VS-5 and VS-0.25, VS-0.5, VS-1 and VS, and a thyratron MTKh-90. The device can be set to any combustion and exposure time by changing the resistances. The time relay allows analyses with or without electrode combustion. There are 1 figure and 2 Soviet references.

Card 1/2

SOV/32-25-3-47/62

Electron Time Relay for Spectral Analysis

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii (Central Scientific Research Institute of Ferrous Metallurgy)

Card 2/2

S/032/60/026/010/024/035
B016/B054

AUTHORS: Buyanov, N. V., Zubkovskiy, S. L., Kovalenko, T. V., Korotkov, V. F., and Lindstrem, V. R.

TITLE: Experience Made With the Photoelectric Apparatus ДФС-10 (DFS-10)

PERIODICAL: Zavodskaya laboratoriya, 1960, Vol. 26, No. 10, pp. 1155-1158

TEXT: The authors have been working for one year with the photoelectric spectral apparatus ДФС-10 (DFS-10) which had been described previously (Ref. 1). They checked the reproducibility of recording of electric signals and of light. Non-screened light sources (arc and spark) deteriorate the reproducibility of results considerably if these sources are 4-5 m distant from the apparatus. The shock absorption of the instrument was good since the tensile-testing machines operating in the neighborhood did not effect any shifts of exit slits with respect to the spectrum. Also the fluctuations of air moisture between 25 and 70% had no detrimental effect. Only 85-87% of relative air moisture effected a rapid change in readings. Temperature fluctuations between 17 and 29°C in the room

Card 1/3

did not influence the reproducibility of results although the carriages were displaced noticeably (Fig. 1). Therefore, a steady temperature should be maintained in the room. As examples for metal analyses, the authors describe the investigation of crude iron, plain steels, medium-alloyed steels, stainless steel of the type 1Х18Н9Т (1Kh18N9T), and high-speed steels of the types Р9 (R9) and Р18 (R18). Figs. 2-8 show calibration diagrams for the determination of single alloy elements. The examples given and the experience made with the instrument justify the statement that the instrument DFS-10 guarantees a rapid and accurate analysis of crude iron and steel, including some complicated steel alloys. At present, the apparatus is being used for series analyses in factories. The values given in the paper for the errors of reproducibility were confirmed by analyses of factory specimens. A single analysis of the specimen for six elements takes 2.5 min. A repetition of the analysis takes the same time. The absolute sensitivity of analysis on the instrument mentioned does not deviate noticeably from that of photographic methods. The authors recommend, however, an improvement and simplification of the fitting and design of the instrument. There are 8 figures and 4 Soviet references.

KOROTKOV, V.F.; TITOVETS, A.V.

Determination of sulfur, phosphorus, and carbon in low-alloy steels with a vacuum quantimeter. Izv. AN SSSR. Ser. fiz. 26 no.7:918-920 Jl '62. (MIRA 15:8)
(Chemistry, Analytic--Quantitative) (Steel alloys)

KOROTKOV, V.F.

Multiple-mode low-voltage generator with electronic control.
Sbor. trud. TSNIICHM no.24:95-100 '62. (MIRA 15:6)
(Electric generators) (Electronic control)

KOROTKOV, V. F

110

PHASE I BOOK EXPLOITATION SOV/6181

Ural'skoye soveshchaniye po spektroskopii. 3d, Sverdlovsk, 1960. Materialy (Materials of the Third Ural Conference on Spectroscopy) Sverdlovsk, Metallurgizdat, 1962. 197 p. Errata slip inserted. 3000 copies printed.

Sponsoring Agencies: Institut fiziki metallov Akademii nauk SSSR. Komissiya po spektroskopii; and Ural'skiy dom tekhniki VSNTO.

Eds. (Title page): G. P. Skornyakov, A. B. Shayevich, and S. G. Bogomolov; Ed.: Gennadiy Pavlovich Skornyakov; Ed. of Publishing House: M. L. Kryzhova; Tech. Ed.: N. T. Mal'kova.

PURPOSE: The book, a collection of articles, is intended for staff members of spectral analysis laboratories in industry and scientific research organizations, as well as for students of related disciplines and for technologists utilizing analytical results.

Card 1/15

Materials of the Third Ural Conference (Cont.) SOV/6181

COVERAGE: The collection presents theoretical and practical problems of the application of atomic and molecular spectral analysis in controlling the chemical composition of various materials in ferrous and nonferrous metallurgy, geology, chemical industry, and medicine. The authors express their thanks to G. V. Chentsova for help in preparing the materials for the press. References follow the individual articles.

TABLE OF CONTENTS:

Card 2/15

2

Materials of the Third Ural Conference (Cont.) SOV/6181

Card 11/15

KOROTKOV, V.F.; TIMOSHENKO, N.N.; TITOVETS, A.V.

Developing a method of sulfur, phosphorus, and carbon analysis using a vacuum quantometer. Sbor.trud. TSNIICHM no.31:7-18 '63. (MIRA 16:7)

(Sulfur--Spectra) (Phosphorus--Spectra) (Carbon--Spectra)

BULAT, N.L.; KOROTKOV, V.F.; FAYVILEVICH, G.A.; ZHURENKOV, P.M.

Microspectral analysis. Sbor.trud. TSNIICHM no.31:34-40 '63. (MIRA 16:7)

(Steel--Metallography) (Steel--Spectra)

BUYANOV, N.V.; KONDRAT'YEV, P.A.; KOROTKOV, V.F.

Spectrum analysis by means of a plain, high-voltage spark generator of high stability. Sbor.trud. TSNIICHM no.31:46-49 '63. (MIRA 16:7)

(Spectrum analysis) (Electric spark)

KOROTKOV, V.F.; KONDRAT'YEV, P.A.

Automatic pulse generator for spectrum analysis. Sbor.trud. TSNIICHM no.31:50-52 '63. (MIRA 16:7)
(Oscillators, Electric) (Spectrum analysis)

KOROTKOV, V. G.

KOROTKOV, V. G. - "Obtaining new means of combatting porosity in aluminum-alloy castings". Sverdlovsk, 1955. Min Higher Education USSR. Ural Polytechnic Inst imeni S. M. Kirov, Chair of Foundry Practice. (Dissertation for the Degree of Candidate of Technical Science.)

SO: Knizhnaya Letopis', No. 43, 22 October 1955. Moscow

GORSHKOV, A.A., kandidat tekhnicheskikh nauk; KOROTKOV, V.G., inzhener.

Simultaneous modification and degassing of aluminum alloys. Lit. proizv. no.10:6-9 O '56. (MLRA 9:11)
(Aluminum alloys)

Kozlov V.G.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824910019-7"

KOROTKOV, V.G., inzhener.

Degasifying aluminum alloys with a low-voltage direct current. Lit. proizv. no.2:20-22 F '57. (MLRA 10:4)
(Aluminum alloys--Electrometallurgy)

KOROTKOV, V. S.

18(5) PHASE I BOOK EXPLOITATION SOV/2048

Sverdlovsk. Ural'skiy politekhnicheskiy institut imeni S.M. Kirova

Teoriya i praktika liteynogo proizvodstva (Theory and Practice in the Foundry Industry) Moscow, Mashgiz, 1959. 231 p. and 32 p. (Series: Its: [Sbornik] vyp. 89) Errata slip inserted. 5,000 copies printed.

Ed.: A.A. Gorshkov, Corresponding Member, USSR Academy of Sciences, Doctor of Technical Sciences, Professor; Tech. Ed.: N.A. Dugina; Exec. Ed. (Ural-Siberian Division, Mashgiz): A.V. Kalatina, Engineer.

PURPOSE: This book is intended for engineering and scientific workers of institutes and machine-building plants, as well as for students of advanced courses at vuzes.

COVERAGE: This collection consists of articles dealing with practical problems in foundry processes. The articles review the achievements of Ural foundry workers in the past 40 years and present aspects of a current study on the casting of nodular cast iron, its properties and casting methods. A description is given of artistic and architectural casting. Consideration is given to the problem of combatting gases in steel and aluminum. The structure of cast steel is discussed. A recent investigation of vacuum casting including its characteristic properties and new applications is also presented. There are 32 pages of photographs illustrations at the end of the book. No personalities are mentioned. References follow each article.

TABLE OF CONTENTS:

KOROTKOV, V.G., kand.tekhn.nauk

Calculating basic parameters in gas removal from aluminum alloys by means of direct currents. Trudy Ural.politekh. inst. no.89:188-195 '59. (MIRA 12:8)
(Aluminum alloys--Electrometallurgy) (Gases in metals)

KOROTKOV, V.G., kand.tekhn.nauk; TOKAREV, Zh.V., inzh.

Determining the most satisfactory conditions for chlorinating aluminum alloys. Trudy Ural.politekh.inst. no.89:196-204 '59. (MIRA 12:8)
(Aluminum alloys--Hydrogen content) (Chlorination)

PHASE I BOOK EXPLOITATION SOV/4199

Leningrad. Politekhnicheskiy institut

Sovremennyye dostizheniya liteynogo proizvodstva; trudy mezhvuzovskoy nauchno-tekhnicheskoy konferentsii (Recent Achievements in Founding: Transactions of the Scientific and Technical Conference of Schools of Higher Education) Moscow, Mashgiz, 1960. 336 p. Errata slip inserted. 4,000 copies printed.

Resp. Ed.: Yu. A. Nekhendzi, Doctor of Technical Sciences, Professor; Eds.: N. G. Girshovich, Doctor of Technical Sciences, Professor, and K. P. Lebedev, Docent; Managing Ed. for Literature on Heavy Machine Building (Leningrad Department, Mashgiz): Ye. P. Naumov, Engineer; Tech. Eds.: Ye. A. Dlugokanskaya, and L. V. Shchetinina.

PURPOSE: This book is intended for the technical personnel of foundries. It may be used by students of the field.

COVERAGE: This collection of articles discusses problems in founding processes. Individual articles treat the melting of metals and their alloys, mechanization and automation of casting processes, aspects of the manufacture of steel, cast iron, and nonferrous metal castings. No personalities are mentioned. References accompany individual articles.

(6)

Recent Achievements in Founding (Cont.) SOV/4199

AVAILABLE: Library of Congress

VK/dwm/ec

KOROTKOV, V. G.

KOROTKOV, V.G.

Temporary mold made of chlorite talc. Lit. proizv. no.9:42 S '60. (MIRA 13:9)

(Molding (Founding))

KUZELEV, Mikhail Yakovlevich; SKVORTSOV, Aleksey Anatol'yevich; SMELYAKOV, Nikolay Nikolayevich; DUBITSKIY, G.M., doktor tekhn. nauk, retsenzent; ZOBNIN, B.F., kand. tekhn. nauk, retsenzent; KOROTKOV, V.G., kand. tekhn. nauk, retsenzent; LEVCHENKO, P.V., kand. tekhn.nauk, retsenzent; MAKURIN, P.I., kand. tekhn. nauk, retsenzent; PASTUKHOV, A.I., kand. tekhn. nauk, retsenzent; PORUCHIKOV, Yu.P., kand. tekhn. nauk, retsenzent; ROZENBERG, I.A., kand. tekhn. nauk, retsenzent; SERGEICHEV, N.F., kand. tekhn. nauk, retsenzent; FILIPPOV, A.S., kand. tekhn. nauk, retsenzent; YAROSHENKO, Yu.G., kand. tekhn. nauk, retsenzent; BAZAROVA, N.V., inzh., retsenzent; BLANK, E.M., inzh., retsenzent; VOLPYANSKIY, L.M., inzh., retsenzent; ZAKHAROV, B.P., inzh., retsenzent; MYSHALOV, S.V., inzh., retsenzent; RAZUMOVA, M.S., inzh., retsenzent; SHABALIN, L.A., inzh., retsenzent; SHKUNDI, R.M., inzh., retsenzent; DUGINA, N.A., tekhn. red.

[Handbook of foundry practice] Spravochnik rabochego-liteishchika. Izd.3. Moskva, Mashgiz, 1961. 584 p. (MIRA 15:4)

(Founding--Handbooks, manuals, etc.)

BATALOV, Aleksey Nikolayevich; MYKOL'NIKOV, Anatoliy Andreyevich; SHTUNDEL', Rudol'f Ivanovich; KOROTKOV, V.G., kand. tekhn. nauk, retsenzent; DUGINA, N.A., tekhn. red.

[Practice in making large castings from bronze] Opyt izgotovleniia krupnykh otlivok iz bronzy. Moskva, Mashgiz, 1963. 46 p. (MIRA 16:4)

(Bronze founding)

AM4029015

BOOK EXPLOITATION

S/

Korotkov, Veniamin Grigor'yevich

Refining of casting aluminum alloys (Rafinirovaniye liteyny*kh alyuminiyevy*kh splavov). Moscow, Mashgiz, 63. 0126 p. illus., biblio. 3,000 copies printed

TOPIC TAGS: aluminum alloy casting, aluminum alloy refining, inclusion in casting, casting defect elimination, aluminum casting technology

PURPOSE AND COVERAGE: The book describes the causes for occurrence of various types of failures in castings made of aluminum alloys, and recommendations are made aimed at eliminating these failures. In this connection, the interaction between gases or water vapor with aluminum alloys is discussed and refining methods used in plant are described. Attention is paid to the sources of saturation of aluminum alloys with gases and nonmetallic inclusions, and individual aspects of the present technology of purification for different groups of alloys and different types of furnaces are considered. New methods for refining and controlling liquid alloys are discussed.

TABLE OF CONTENTS [abridged]:

Card 1/2

AM4029015

SUB CODE: MM SUBMITTED: 11Dec62 NR REF SOV: 025

OTHER: 004 DATE ACQ: 20Mar64

Card 2/2

ACCESSION NR: AP4018294 S/0128/64/000/002/0036/0038

AUTHOR: Korotkov, V. G.

TITLE: Refining aluminum alloys by a combined method

SOURCE: Liteynoye proizvodstvo, no. 2, 1964, 36-38

TOPIC TAGS: aluminum alloy, aluminum, refining, flux refining, salt refining, vacuum refining, combined refining method, degassing, metal purification, nonmetallic inclusions in alloy, metal filtration, filtration

ABSTRACT: A method based on the combination of several refining procedures for aluminum alloys is proposed as an improvement on the present separate procedures. Two variations of this method are described: 1) aluminum alloy degassing and removal of nonmetallic inclusions by flux treatment or by salt ($MnCl_2$) treatment in vacuum; 2) filtration of the previously degassed alloy through magnesite grains (15-25 mm in diameter) or through liquid flux composed of Na, Mg, and Ca chlorides, or $NaAlF_6$ and CaF_2. The metal is purified in a chamber lined with refractory materials, and is poured back into the furnace where it is mixed with the impure

Card 1/2

ACCESSION NR: AP4018294

metal, thus increasing its purity. For a satisfactory purification the mixed metal has to pass through one and one half cleaning cycles. Filtrating of previously degassed metal can be accomplished in a ladle or in a special container divided by a vertical baffle which does not extend to the bottom. The filtering material is placed on one side, and the metal poured over it is collected on the opposite side after passing through the filter. The best results were obtained by the second method. Orig. art. has: 4 figures.

ASSOCIATION: none

SUBMITTED: 00 DATE ACQ: 20Mar64 ENCL: 00

SUB CODE: ML NO REF SOV: 002 OTHER: 000

Card 2/2

KOROTKOV, V.G.

Reagents for Al_2O_3 determination in aluminum and its alloys.
Zav. lab. 30 no.9:1115 '64. (MIRA 18:3)

1. Ural'skiy politekhnicheskiy institut imeni Kirova.

KOROTKOV, V.G.

Sampler for taking samples of liquid metal. Zav. lab. 30 no.9:1152 '64. (MIRA 18:3)

1. Ural'skiy politekhnicheskiy institut imeni Kirova.

ARKHANGEL'SKIY, Yu.A., otv. za vypusk; ATABEKOV, L.P.; GUBIN, S.A.; KLEYKOV, V.S.; KOROTKOV, V.I.; KLYCHKOV, P.F.; LUTSKER, T.D.; LOBACHEV, V.M.; MEKKEL', M.A.; MANUSADZHYANTS, Zh.G.; SIVAKON', L.F.; KHAYKIN, V.A.; IOFFE, M.L., red.; NIKOLAYEVA, L.N., tekhn. red.

[Safety regulations for truck transportation enterprises] Pravila tekhniki bezopasnosti dlia predpriiatii avtomobil'nogo transporta. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 71 p. (MIRA 14:7)

1. Profsoyuz rabotnikov sviazi, rabochikh avtomobil'nogo transporta i shosseynykh dorog. TSentral'nyy komitet. 2. TSentral'nyy komitet profsoyuza rabotnikov svyazi rabochikh avtomobil'nogo transporta i shosseynykh dorog (for Arkhangel'skiy). 3. Ministerstvo avtomobil'nogo transporta Kazakhskoi SSR (for Atabekov). 4. Ministerstvo avtomobil'nogo transporta i shosseynykh dorog RSFSR (for Gubin). 5. Moskovskiy avtomobil'no-dorozhnyy tekhnikum (for Kleykov, Korotkov). 6. Moszheldoravtopogruz (for Klychkov). 7. Ministerstvo avtomobil'nogo transporta i shosseynykh dorog USSR (for Lutsker). 8. Tekhnicheskaya inspektsiya Moskovskogo gorodskogo i oblastnogo sovetov profsoyuzov (for Lobachev, Mekkel'). 9. Laboratoriya okhrany truda Nauchno-issledovatel'skogo instituta avtomobil'nogo transporta (for Manusadzhyants). 10. Ministerstvo avtomobil'nogo transporta i shosseynykh dorog Latviyskoy SSR(for Sivakon'). 11. Glavnoye upravleniye gruzovogo avtotransporta Mosgorispolkoma (for Khaykin).

(Transportation, Automotive—Safety measures)

21(0), 31(4) PHASE I BOOK EXPLOITATION SOV/2257

Korotkov, Viktor Ivanovich, and Anatoliy Mefodiyevich Chernysh

Korabli budushchego; atomokhody (Ships of the Future; Atomic-powered Vessels) Moscow, Voyen. Izd-vo M-va obor. SSSR, 1959. 112 p. (Series: Bibliotechka v pomoshch' ofitseru VMF) No. of copies printed not given.

Ed.: D. D. Kulinich; Tech. Ed.: M. P. Zudina.

PURPOSE: This book is intended for officers of the Soviet Army and Navy and also for the general reader.

COVERAGE: The book is a popular presentation of the operational principles of atomic reactors, the basic characteristics of the use of atomic energy for ship propulsion, and also the future development of ships having atomic power plants. No personalities are mentioned. There are 11 references: 5 Soviet, and 6 English (1 translated into Russian)

Card 1/3

SOV/2257

Ships of the Future; (Cont.)

TABLE OF CONTENTS:

Card 2/3

KOROTKOV, V.I., kand.ekonom.nauk

Standardization is the ke: for more rapid automation of production processes. Mekh. i avtom.proizv. 18 no.2:38-40 F '64. (MIRA 17:4)

KOROTKOV, V. I.

"The Influence of Cold Finishing on the Elastic Properties of Low-Carbon Steel." Cand Phys-Math Sci, Moscow Engineering Physics Inst, 6 Dec 54. (VM, 24 Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

KOROTKOV, V.I.

Effect of plastic deformation on the modulus of elasticity of low-carbon steel. Fiz.met.i metalloved. 2 no.1:160-167 '56.(MIRA 9:7)

1.Moskovskiy institut stali imeni I.V.Stalina.
(Steel--testing) (Elasticity)

KOROTKOV, V.I.

Dynamic methods for measuring moduli of elasticity. Zav.lab. 22 no.1:98-105 '56. (MLRA 9:5)

(Metals--Testing) (Elasticity)

SUBJECT USSR / PHYSICS CARD 1 / 2 PA - 1243

AUTHOR KOROTKOV, V.I., FINKEL'STEJN, B.N.

TITLE On the Influence exercised by Cold Treatment on DEBYE'S Characteristic Temperature of a Carboniferous Steel.

PERIODICAL Dokl. Akad. Nauk, 108, 846-847 (1956)
Publ. 6 / 1956 reviewed 8 / 1956

The DEBYE temperature Θ_D is determined by the elastic spectrum of the investigated solid, and therefore it depends on the character and the strength of inter-atomic bindings. The present work shows the results obtained when determining Θ_D for deformed carboniferous steel by measuring the density and the propagating velocity of elastic oscillations.
When introducing the "average" propagation velocity and the elastic oscillations, which are determined by the relation:
$(3/u^3)=(2/u_t^3)+(1/u_l^3)$, it applies that $\Theta_D=(h/k)(3N_A/4\pi A)^{1/3}.D^{1/3}$. Here u_t and u_l denote the propagation velocities of the transversal and longitudinal oscillations respectively, N_A - Avogadro's number, A - atomic weight, D - density of the body. u_t and u_l can be expressed by YOUNG'S modulus E and by POISSON's coefficient μ : $u_t = \sqrt{E/2(1+\mu)D}$, $u_l = \sqrt{(1-\mu)E/(1+\mu)(1-2\mu)D}$. In the case of long and thin rods E and the shearing modulus G are connected with the frequencies f_l and f_t of the fundamental tone of the longitudinal and torsion oscillations respectively by the relations $E = 4L^2D f_l^2$ and $G = 4L^2Df_t^2$. (L - length

of deformation.

INSTITUTION: Moscow Institute for Steel "I.W.STALIN"

KOROTKOV, V.I., kand.ekon.nauk

Master the use of new machines. Mashinostroitel' no.12: 38-39 D '59. (MIRA 13:3)
(Technological innovations)

S/118/60/000/05/04/027

AUTHOR: Korotkov, V.I., Candidate of Economic Sciences

TITLE: A Handling System for a Group of Turret Lathes

PERIODICAL: Mekhanizatsiya i avtomatizatsiya proizvodstva, 1960, No. 5, pp. 11 - 12

TEXT: The author introduces and briefly describes a handling system designed by the ENIMS, serving four turret lathes and shown schematically on page 12. It performs the unloading of blanks from crating into intermediary bins, indexes them, transports them along the production line, conveys them aside, loads blanks into the lathes and carries the machined parts away from the line. It is designed to handle cross-shaped 1 and x-shaped fittings. Should it be necessary, the number of lathes in the group, as well as the dimensions of fittings can be varied. The above system incorporates a rotary platform, a magnet, a transloader, a vibro-bunker, a distribution conveyer, a charging and discharging device, and a transport vibration conveyer. There is 1 diagram.

Card 1/1

S/118/60/000/011/013/014
A161/A133

AUTHOR: Korotkov, V.I., Candidate of Economical Sciences

TITLE: Introduction of typical production processes

PERIODICAL: Mekhanizatsiya i avtomatizatsiya proizvodstva, no. 11, 1960, 52-54

TEXT: The Central Committee of CPSU commissioned (at the July 1960 Plenum) the Gosudarstvennyy komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu (State Committee for Automation and Machine Building at the Council of Ministers of the USSR) and the State Committees of Industry Branches with the development of "typical" technological processes for the basic industries. The NIItraktorsel'khozmash and industry plants are doing the work, and the most expedient way of standardizing technological processes is stated to be the way of "standardized routing" ("tipovyye marshruty") for processes and "blind cards" ("karty-slepyshi") for operations. The "route cards" of NIItraktorsel'khozmash institute cover 35-40% of general-use parts in agricultural machines. The producer plants will only have to set up such cards for their production, and the planning of production pro-

Card 1/4

cesses will consist in the selection of cards and entering dimensions. An album of work drawings of such kind existed already in 1956. The system also eliminates the designing of auxiliary equipment for new work. Another means for cutting the production time and costs are the "universal'no-sborochnyye prisposobleniya", abbreviated "USP" ("universal assembly attachments") with standardized interchangeable parts and component units for typical operations. A considerable quantity of such attachments has been developed. Three examples are given: 1. A pneumatic self-centering drilling chuck with cams permitting the clamping of work with different diameters (the cams and the bushing are replaceable) (Fig.1); 2. Expandable drill heads (Fig.2) for drilling two to four holes in flanges and covers, with adjustable-position drill spindles permitting drilling with different spaces between the holes on diameters from 64 to 248 mm, used at the Tashsel'mash, Gomsel'mash, the Tula Combine Plant and other plants; 3. Same drill heads in combination with a universal jig. The resetting of such heads, replacing the interchangeable jig parts takes 5-10 min. Nonstandard designs of parts are an obstacle for more extensive use of standardized attachments, and the quantity of available standardized measuring and auxiliary tools is yet low. There are 3 figures.

KOROTKOV, V. I., kand.ekonom.nauk

Introduce standard technological processes. Mekh.i avtom.proizv. 14 no.4:52-54 N '60. (MIRA 13:11)

(Machinery industry)

KOLOTKOV, V.I., kand.ekon.nauk

Followers of a great initiative. Mashinostroitel' no. 2:37-39 F '61. (MIRA 14:2)

(Efficiency, Industrial)

KOROTKOV, V.I., kand.ekonomicheskikh nauk

Organizing the labor in automatic production lines.
Mashinostroitel' no.6:36 Je '61. (MIRA 14:6)
(Automation) (Factory management)

KOROTKOV, V.I., kand.ekonimicheskikh nauk

Speeding up technical progress in the machinery industry.
Mashinostroitel' no.9:41-42 S '61. (MIRA 14:10)
(Machinery industry--Technological innovations)

KOROTKOV, V.I., kand.ekon.nauk

Economics and development of machinery design in industrial production. Vest.mash. 41 no.4:78-80 Ap '61. (MIRA 14:3)
(Machinery—Design and construction)

KOROTKOV, V.I.

Specialized machine tools made of standard units for small-lot and lot production. Stan.i instr. 32 no.6:4-6 Je '61. (MIRA 14:6)
(Machine tools)

KOROTKOV, V.I., kand. ekonomicheskikh nauk

Standardization is an essentrial condition for technical progress. Mashinostroitel' no.10:37 O '63. (MIRA 16:12)

KOROTKOV, V.I., kand. ekonomicheskikh nauk

Overall standardization of production processes. Mashinostroitel' no.7:43 Jl '64. (MIRA 17:8)

KOROTKOV, V.I., kand. ekonomicheskikh nauk

Centralize the manufacture of standard equipment and tools.
Standartizatsiia 28 no.7:35-37 Jl '64.

(MIRA 17:11)

KOSOTKOV, V.I., kand. ekonomicheskikh nauk

Efficiency of the standardization of technological processes in the manufacture of machinery. Standartizatsiia 29 no.2: 33-35 F '65. (MIRA 18:4)

KOROTKOV, Vasiliy Ivanovich; RZHAVINSKIY, V.V., nauchn. red.; RYSKO, S.Ya., red.

[Standardization trend in the design and adoption of new machines] Normalizatsionnoe napravlenie v sozdanii i osvoenii novykh mashin. Moskva, Izd-vo standartov, 1965. 122 p. (MIRA 18:10)

Shchegolyutin, M. Ye., Ryabikov, O. G., Kukhorenko, K. G., Chuksin, Yu. V., Korotkov, V. K., Works completed on the SRT-1102 "Alazeya" during the second expedition in the middle part of the Atlantic Ocean, Byul. tekhn.-ekon. inform. Sovnarkhoz. Kaliningradsk. edon. adm. r-na (Bulletin of Technical and Economic Information of the Sovnarkhoz of Kaliningrad Economic Administrative Region), No 3-4, 1958, p 22-25; (RZhGeog 11/59-31841)

Rosotkoy, V. C.

The Influence of Plastic Deformation [illegible] Modull of Low Carbo[illegible] [illegible] Metals [illegible]

quantitative [illegible]

and slip modulus [illegible]

deformation was carr[illegible]

measurements can be [illegible]

[illegible]

KOROTKOV, V.M.

Vibration system of manufacturing multispan slabs. Sbor. nauch. rab. DVNIIS no.3:55-57 '62. (MIRA 17:5)

KOROTKOV, V.M.

Application of phytoncides in surgery of suppurative conditions. Khirurgiia, Moskva no. 2:88-90 Feb 1953. (CLML 24:2)

1. Candidate Medical Sciences.

KOROTKOV, V. M.; KOYFMAN, S. I.; IZRAYLET, L. I.

"The Use of Phytoncides of Garlic for Prophylaxis and Treatment of Grippe and Severe Catarrhs of the Upper Respiratory Tracts," Voyenno-Med. Zhur., No. 11, p. 62, 1955.